

VELGOVA, Vera

Czechoslovak Academy of Agricultural Sciences on the correct nutrition  
of people. Vestnik CSAZV 7 no.8:419-421 '60. (EEAI 10:3)  
(Czechoslovakia--Food)

ACCESSION NR AM:032512

BOOK EXPLOITATION

S/

Vel'gus, S.; Makulya, Edvard; Skshidleviskiy, S.

Glider flights (Perelety\* na planere), Moscow, DOSAAF, 1963, 145 p. illus.

Translation from the Polish by YU. Sneshko.

TOPIC TAGS: glider, soaring, glider aerodynamics, meteorology, navigation

PURPOSE AND COVERAGE: The authors of the book are famous Polish gliderists. For example, Edvard Makulya has set nine national and international records, in 1960 came in second in the VIII International Soaring Contests in Cologne, and has been awarded twice the FAI gold medal with diamonds. The book is written in simple language and is intended for readers with secondary school mathematics. In order to understand the material, it is necessary to know the basic theory of glider aerodynamics and meteorology.

TABLE OF CONTENTS [abridged]:

Ch. I. Preliminary information on the preparation and execution of a flight - - 3

Ch. II. Selecting the flight regime in glider soaring - - 23

Ch. III. Navigation in glider soaring - - 71

Card 1/2

ACCESSION NR AM4032512

Ch. IV. Soaring tactics in a glider - - 104

SUB CODE: AI

SUBMITTED: 01Mar63

NR REF SOV: 000

OTHER: 000

DATE ACQ: 20Apr64

Card 2/2

VEL'GUS, S. [Velgus, S.], planerist; MAKULYA, E. [Makula, E.], planerist; SKSHIDLEVSKIY, S. [Skrzydlewski, S.], planerist; SNESHKO, Yu. [translator]; VASIL'YEV, A.A., red.; DVOYENOSOV, D.V., red.; ZAMYATIN, V.M., red.; SOROKIN, M.Z., tekhn. red.

[Flights in a glider] Perelety na planere. Moskva, DOSAAR, 1963. 145 p. Translated from the Polish. (MIRA 16:10)  
(Gliding and soaring)

ALEKSEYEV, Vasilii Mikhaylovich, akademik [deceased]; SHTEYN, V.M., otv. red.; FISHMAN, O.L. [translator]; VEL'GUS, V.A., [translator]; MEN'SHIKOV, L.N. [translator]; VAKHTIN, B.B. [translator]; TSIPEROVICH, I.B. [translator]; ITS, R.F. [translator]; GUREVICH, B.S. [translator], UL'MAN, M.I. [translator]; MEL'NIKOVA, T.A., red.izd-va; KRASNAYA, A.K., tekhn.red.

[In old China; diary of a trip in 1907] V starom Kitae; dnevniki puteshestviia 1907 g. Moskva, Izd-vo vostochnoi lit-ry, 1958.  
310 p. (MIRA 12:2)

(China--Description and travel)

VEL'GUS, V.M.

Training the students of a boarding school in agricultural practice. Biol. v shkole no.4:47-51 J1-Ag '58. (MIRA 11:9)

1. Zaveduyushchiy uchebnoy chast'yu shkoly-internata g. Talitsy Sverdlovskoy obl .ti.  
(Talitsy--Agriculture--Study and teaching)



VELHARTICKY, J., inz.

Experiences in water treatment by ion-exchangers. Vodni hosp  
14 no.6:236-237 '64.



CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Water Treating. Sewer Waters.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67901.

Author : Velharticky J.

Inst : Not given.

Title : Investigation of Materials Used for the Removal of  
Iron and for Stabilization of Water.

Orig Pub: Voda, 1956, 35, No 11, 368-369.

Abstract: Composition, properties and effectiveness of several  
water treating materials are described. "Fermago"  
compound contains 45% MgO and 40% SiO<sub>2</sub> and has 2-  
10mm particle size. "Decarbolith" compound (ob-  
tained from the calcination of dolomite at 500-700°)  
contains 70.8% CaCO<sub>3</sub> and 26.1% MgO and comes in par-  
ticle sizes of 0.5-3mm, 3-6mm, and 6-10mm. Experi-  
ments conducted on the softening of well water

Card 1/2

VELHARTICKY, J.

Fluorine content in drinking water. p. 54.

VODA Vol. 35, no. 2, Feb. 1956

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

VELI, Gyorgy, dr.

Infant care among the gypsies in Kaposvar. Elovilag  
7 no.6:46-47 N-D '62.

VELI, G.

~~Goiter~~ in school children in Parosvar. Gyermekgyógyászat 4 no.10:  
311-314 Oct 1953. (CLML 25:5)

1. Doctor.

BOTTYAN, Olga; DEZSO, Gyula; EIBEN, Otto; FARKAS, Gyula;  
RAJKAI, Tibor; THOMA, Andor; VELI, Gyorgy

Observations on the beginning of the menstruation in  
Hungary. Elovilag 9 no.2:16-18 Mr-Ap '64.

VELI, Margit  
STERNBERG, A.; VELI, Margit

Three cases of divergence paralysis. Szemeszet 94 no.2:71-75 July 57.

1. A Budapesti Orvostudományi Egyetem II. Szemklinika-jának (Igazgató:  
Nonay Tibor egyetemi tanár, az orvostudományok kandidátusa) közleménye.  
(EYE DISEASES, case reports  
divergence paralysis (Hun))

STERNBERG, Alice; VELI, Margit

Experiences on the retroposition of muscle rectus internus.  
Szemeaszet 93 no.3:134-139 Sept 56.

1. A Budapesti Orvostud. Egyetem II. Szemklinik. (Igaz:  
Nonay, Tibor egyetemi tanar, az orvostudományok kandidatusa)  
kozl.

(STRABISMUS, surg.

retroposition of rectus internus muscle in convergent  
strabismus (Hun))

(MUSCLES, OCULOMOTOR, surg.

rectus internus retroposition in convergent strabismus (Hun))

TOSHKOV, A.; VERNIAKOV, D.; KOSTOV, V.

Apropos of antibacterial properties of intravascular and  
vitro blood. Izv. mikrobiol. inst. (Sofia) 16:153-158 '62



VELIBEDA, V.F., mekhanik defektoskopa

Detector system of the defectoscope has been improved. Put'  
i put.khoz. 5 no.7:27 J1 '61. (MIRA 14:8)

1. Stantsiya Zhmerinka, Yugo-Zapadnoy dorogi.  
(Railroads--Equipment and supplies)

VELIBEKOV, A.

ABDULLAYEV, Makhmud Ali ogly; VELIBEKOV, Abdul ogly; KARAPETOV, Karo  
Ambartsumovich; MEL'KBEKOV, ~~Ashdar~~ Sultanovich; ASADOV, I.M.,  
kandidat tekhnicheskikh nauk, redaktor; SHTEYNCEL', A.S., redaktor  
izdatel'stva

[Hydraulic fracturing] Gidravlicheski razryv plasta. Pod red.  
I.M.Asadova. Baku, Azerbaidzhanskoe gos. izd-vo nef'tianoi i  
nauchno-tekhn. lit-ry, 1956. 166 p. [Microfilm] (MIRA 10:3)  
(Petroleum engineering) (Oil wells)

15-57-1-858

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,  
p 135 (USSR)

AUTHORS: Abdullayev, M. A., Velibekov, A. A.

TITLE: The Application of the Hydrofract Method to Strata in  
the Petroleum Wells of Azerbaydzhan (Opyt primeneniya  
gidravlicheskogo razryva plastov na neftyanykh  
promyslakh Azerbaydzhanskoy SSR)

PERIODICAL: V-sb: Metody uvelicheniya nefteotdachi plastov.  
Moscow, Gostoptekhizdat, 1955, pp 33-44.

ABSTRACT: A great part of the productive strata in the Azerbai-  
dzhan fields have low permeability (especially the  
horizons in the Maykop and Kirmakin series). These  
horizons are under dissolved-gas pressure and are  
characterized by a high oil saturation and a low  
yield. These beds lie at depths ranging from 300 to  
2000 m. The purpose of using the hydrofract process in  
the stratum is primarily to increase the yield of  
wells with low productivity. A well with a yield of

Card 1/2

15-57-1-858

The Application of the Hydrofract Method (Cont.)

0.05 to 4.1 tons per day was selected for the hydrofract experiment on the stratum. The production in this well is chiefly from the Kirmakin series. Raw Kirmakin oil from wells in Balakhan was used for the rupturing fluid. The viscosity of this oil varied within wide limits (from 150 to 1350 centipoises). At present such oil is treated by a thickening agent, which permits the development of general purpose oil necessary for rupturing viscosity. The authors describe the engineering principles in the rupturing, the preparation of the drill hole, the process of producing the ruptures, and the results. In an overwhelming majority of cases, the oil yield was increased from twofold to sevenfold. Immediately after rupturing, the yield falls off sharply, but after the conditions are stabilized the yield proves to be considerably greater than the average daily production before the rupturing. This method is very promising and may lead to increased yield from low permeability reservoirs in the productive beds of Apsheron.

Card 2/2

V. B. O.

AMIROV, A.D.; VELIBEKOV, A.A., red.; SHTEYNGEL', A.S., red.isd-va;  
NASIROV, N., tekhn. red.

[Petroleum production] Dobycha nefiti; tekhnika i praktika.  
Baku, Azerbaidzhanskoe gos. izd-vo, 1963. 329 p.  
(MIRA 16:8)

(Petroleum production)

VELIBEKOV, A.Sh. (Moskva)

Cranioostenosis combined with nasal liquorrhea. Vop.neirokhir.  
27 no.3:54 My-Je '63. (MIRA 1:9)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znamen  
institut neyrokhirurgii imeni akademika N.N.burdenko AMN SSSR  
(dir. prof. B.G.Yegorov).

VELIBEKOV, A.A.  
ASADOV, I.M.; BAGDASAROV, V.G.; VELIBEKOV, A.A.

Developments in the use of technical methods and machinery in the  
Azerbaijan petroleum production. Azerb.neft.khoz. 36 no.11:16-22  
N '57. (MIRA 11:2)

(Azerbaijan--Petroleum engineering)

SAFARZADE, Akper Kara ogly; VELIBEKOV, A.A., red.; AL'TMAN, T.B., red.  
izd-va

[Extracting casing-head gas from deep wells] Voprosy otbora  
zatrubnogo gaza iz glubinnonasosnykh skvazhin. Baku, Azerbai-  
dzhanskoe gos.izd'vo neft. i nauchno-tekhn.lit-ry, 1959. 122 p.  
(MIRA 13:3)

(Gas, Natural)



VELIBEKOV, A. A.

Acceleration and efficient methods in washing out obstructions formed by sand  
Moskva, 1948. 15 p. Biuro tekhniko-ekonomicheskoi informatsii TSIMnefti.  
Obmen otechestvennykh opytom. Dotycha (51-26712)

TN871.V4

Velibekov, A.A.

ABDULLAYEV, M.A.; VELIBEKOV, A.A.; KARAPETOV, K.A.; MELIKHENKOV, A.S.

Hydraulic fracturing in the Azerbaijan oil fields. Neft.khos.  
33 no.11:44-49 N '55. (MLRA 9:1)  
(Azerbaijan--Petroleum engineering)

VELIBEKOV, A. A.

Sep 1947

USSR/Oil Wells

Petroleum - Well Drilling

"Fast Methods of Washing and Sand Stoppers," Z. F. Rzabekov, A. A. Velibekov,  
21 PP

"Azerbaydzhanskoye Neftyanoye Khozyaystvo" No 9

Discussion on industrial research and introduction of fast methods for washing sand stoppers which was carried on by AzNeft in 1946 and 1947 in an attempt to overcome the limitations of the present unsuitable method of washing sand stoppers in oil wells.

PA 29T73

L 12661-63  
ACCESSION NR: AP3002868

ENT(1)/EDS

AFPTC/ASD/ESD-3

GG/IJF(C)/K

S/0020/63/150/005/1015/1018

57  
56

AUTHOR: Velibekov, E. R.

TITLE: Method of a generalized self-consistent field and collective excitations in the theory of superconductivity

SOURCE: AN SSSR. Doklady\*, v. 150, no. 5, 1963, 1015-1018

TOPIC TAGS: self-consistent field, collective excitation, superconductivity, Fermi surface, quasi-acoustical wave, acoustical wave, plasma excitation

ABSTRACT: In the microscopic theory of conductivity, a simple S-interaction was considered in the form of a rectangular well near the Fermi surface. In this approximation, a spectrum of elementary excitations was obtained, separated from the ground state by a gap. N. N. Bogolyubov (A new method in the theory of superconductivity, AN SSSR Publ. House, 1958; Uspekhi Fiz. Nauk 67, 1959, 549) has shown that, in addition to the elementary excitation there are also collective excitations in supercon-

Card 1/2

L 12661-63

ACCESSION NR: AP3002868

ducting systems. They are longitudinal quasi-acoustical waves in neutral systems. In the presence of coulomb interactions, they become the usual plasma excitations. The present paper deals with the collective excitations by using Bogolyubov's equations in the generalized self-consistent field approximation. Among other results, it is shown that, in addition to the collective excitations of the particle-particle type, those of the particle-hole type occur. "In conclusion, I express my deep gratitude to Academician N. N. Bogolyubov for constant attention to this work." Orig. art. has: 21 formulas.

ASSOCIATION: none

SUBMITTED: 12Jan63

DATE ACQ: 15Jul63

ENCL: 00

SUB CODE: PH

NO REF SOV: 003

OTHER: 001

Card 2/2

S/155/59/000/02/024/036

AUTHOR: Velibekov, E.R.


TITLE: On a new Formulation of the Statistical Variational Principle in the Approximation of the Self-consistent Field <sup>16</sup>

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1959, No. 2, pp. 128-132

TEXT: The method of the self-consistent field of V.A. Fok was generalized by N.N. Bogolyubov (Ref. 1) by considering the correlation between particles with opposite spin. The generalization was carried out for Fermi systems for temperature zero. A further generalization (for temperatures different from zero) was carried out by N.A. Kvasnikov and V.V. Tolmachov (Ref. 2), where the formulation referred to the thermodynamic potential of the Fermi systems with quaternary hamiltonian. Bogolyubov (Ref. 3) has shown that for the application of the method proposed in (Ref. 1) to processes depending explicitly on the time, the use of the functions  $\Phi_t(f_1, f_2) = a_{f_1}^+ a_{f_2}$

and  $\phi_t(f_1, f_2) = \overline{a_{f_1} a}$  is particularly suitable. In the present paper the

author shows with the aid of averages and by means of results from (Ref. 3) that in the case of the thermodynamic formulation of (Ref. 2) the consideration can be carried out analogously to (Ref. 1) with the aid of the

Card 1/2 

On a new Formulation of the Statistical Variational Principle in the Approximation of the Self-consistent Field S/155/59/000/02/024/036

functions  $F(f_1, f_2)$  and  $\phi(f_1, f_2)$  .

There are 7 Soviet references.

ASSOCIATION: Matematicheskii institut imeni V.A. Steklova AN SSSR  
(Mathematical Institute imeni V.A. Steklov AS USSR)

SUBMITTED: May 29, 1959



Card 2/2

S/181/62/004/007/008/037  
B102/B104

AUTHOR: Velibekov, E. R.

TITLE: Collective excitations in the theory of superconductivity

PERIODICAL: Fizika tverdogo tela, v. 4, no. 7, 1962, 1752 - 1764

TEXT: N. N. Bogolyubov et al. (Novyy metod v teorii sverkhprovodimosti - A new method in the theory of superconductivity - Izd. AN SSSR, 1958) has shown that in superconductive systems elementary and collective (quasi-acoustical) excitations exist. At absolute zero longitudinal waves with a propagation rate  $v_F/\sqrt{3}$  ( $v_F$  - particle velocity on the Fermi surface) occur in a neutral Fermi system. The collective excitations in such a system are studied at non-zero temperature. These excitations are of interest not only in respect of the gauge invariance of theory but also for describing the electromagnetic properties of superconductors. An exact analysis of the collective excitation spectrum of the superconductive system shows that there exists a quasiaoustic temperature branch besides a kinematic branch. ✓

SUBMITTED: January 25, 1962  
Card 1/1



VELIBEKOV, E.R.

Elementary excitation spectrum in the superconduction theory.  
Dokl. AN SSSR 142 no.6:1268-1271 F '62. (MIRA 15:2)

1. Predstavleno akademikom N.N.Bogolyubovym.  
(Superconductivity)  
(Quantum theory)

VELIBEKOV, E.R.

New formulation of a statistical variational principle in the approximation of a self-coordinated field. Nauch.dokl. vys.shkoly; fiz.-mat.nauki no.2:128-132 '59. (MIRA 13:3)

1. Matematicheskii institut im. V.A.Steklova AN SSSR.  
(Calculus of variations)

VELIBEKOV, E.R.

Collective excitations in the theory of superconductivity.  
Fiz.tver.tela 4 no.7:1752-1764, J1 '62. (MIRA 16:6)  
(Superconductivity)

AID P - 3820

Subject : USSR/Mining

Card 1/1 Pub. 78 - 8/25

Authors : Abdullayev, M. A., A. A. Velibekov, K. A. Karapetov and  
A. S. Melikbekov

Title : Experience in applying the hydraulic formation ruptures  
method ("breakthroughs") in oil recovery operations of  
Azerbaijan

Periodical : Neft. khoz., v. 33, #11, 44-49, N 1955

Abstract : The results of tests in "breakthroughs" secondary oil  
recovery operations in the Baku region are reported.  
Various cases are examined to evaluate factors  
(technical factors and those relating to the nature of  
particular strata) responsible for the difference in the  
results. Charts, tables.

Institution : None

Submitted : No date

POLOZHENTSEVA, N.I., kand.sel'skokhoz.nauk; VELIBEKOV, M.D., aspirant

Two pests of forage beans *Apion ervi* and *Meligethes erythropus*.  
Zashch. rast. ot vred. i bol. 9 no.1:34-35 '64. (MIRA 17:4)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

VELIBEKOV, M. I.

"The role of public initiative in raising the sanitary  
education of the rural population."

report submitted at the 13th All-Union Congress of Hygienists,  
Epidemiologists and Infectionists, 1959.

**"APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001859310013-0**

**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001859310013-0"**

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859310013-0

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859310013-0"



VELIBEKOV, V.R., MESHCHERYAKOV, V.A.

Effective potentials of  $\pi$ -meson-nucleon interactions. Dokl. AN  
SSSR 105 no.5:951-954 D '55. (MLRA 9:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.  
Predstavleno akademikom N.N. Bogolyubovym.  
(Mesons) (Nucleons)

*V. Velibekov V. R.*

*509 pm*

✓ 5880

EFFECTIVE POTENTIAL OF THE  $\pi$ -MESON-NUCLEON INTERACTION.

V. R. Velibekov and V. A. Mescheryakov.

(Lomonosov Moscow State Univ.) Doklady Akad. Nauk S.S.

S.R. 105, 951-11955) Dec. 11. (In Russian).

Experimental data indicate that in the process of  $\pi$ -meson scattering from 200-Mev nucleons, S and P waves play an important part.  $\alpha_1$ , which passes 90° at 200 Mev, is the most important of all P-wave phases. The data on S waves show that  $\alpha_1 < 0$  and  $\alpha_2 < 0$  are approximately linear. Several methods of S and P wave analysis are given. (R.V.J.)

*True  
Sci*

*ent*

VELIBEKOV, V. R. and MESHCHERYAKOV, V. A.

"The Effective Potential of Pion-Nucleon Interaction," Dokl. AN SSSR, 105,  
pp 951-954, 1955

Translation D 419421, page 79

VELIC, VLADISE AV.

V. Rubber castings as protection against corrosion. Vladislav Velic, NRS, Gvoz Mubala 7, Belgrade, Yugoslavia. *Patent Mubala 3.1.10.10.2.19.20.1955*. Discussion of the properties of rubber castings, especially with the anti-corrosion effect. The rubber castings are applied on the surfaces of the metal parts, which are in contact with the corrosive media. The rubber castings are applied in the form of a thin layer, which is applied by the method of casting.

ABRAMOVICI, R.; VELICA, P.; CLAH, I.

Influence of the introduction of previously melted feldspar in  
the porcelain mass on its properties. Bul St si Tehn Tim 9  
no.2:341-348 JI-D '64.

ABRAMOVICI, R.; CRISTEA, V.; VELICA, P.

Structural tensions in calcic porcelains. Studii chim Timiscara  
8 no.3/4:281-288 J1-D '61.

LUPU, N.Gh.; VELICAN, C.

Preventive orientation and the problem of the morphogenesis of  
visceral sclerosis. Arch. roum. path. exp. microbiol. 23. no.3:  
763-768 S'63

1. Travail de l'Institut de Medecine Interne de Bucarest.  
Directeur : Acad. Prof. Dr. N.Gh. Lupu).

VELICAN, Doina; CONSTANTINOVICI, A.; RUMCAN, V.; VELICAN, C.

Morphopathology and histochemistry of the lymphatic glands of the hilus hepatis in chronic forms of epidemic hepatitis. Stud. cercet. med. intern. 3 no.6:755-760 '62.

(HEPATITIS, INFECTIOUS) (LYMPH NODES) (NUCLEOPROTEINS)  
(MUCOPOLYSACCHARIDES)



VELICAN, C.; RADU, Sorina

Biology of the sclerosis process. XIX. Topographic characteristics of the mucopolysaccharides and the morphogenesis of arteriosclerosis. Stud. cercet. med. intern. 6 no.2:161-164 '65.

VELICAN, C.

The mastocyte described by Ehrlich in problems of internal  
medicine. Stud. cercet. med. intern. 6 no.3:231-242 '65.

VELICAN, Doina; RADU, Sorina; VELICAN, G.

Biology of the sclerosis process. XI. Heterogeneity of the constituents of the glucide fractions of human reticulin. Stud. cercet. med. intern. 6 no.3:301-306 '65.

VELICAN, C., dr.

Prospects of the histochemical study of the gastric mucosa correlated with the problem of gastritis. Med. intern. (Bucur.) 17 no.9:1055-1062 S '65.

1. Lucrare efectuata in Laboratorul de histochimie al Institutului de medicina interna al Academiei Republicii Socialiste Romania si Ministerul Sanatatii si Prevederilor Sociale (director: acad. N.Gh. Lupu).

ZAMFIRESCU- GHEORGHIU, Marcela; POPESCU, Iuliu; DOBREANU-ELIESCU, Viorica,  
VELICAN, Doina; APOSTOLESU, Ileana; CUCU, F.; VLADESCU, C.

Action of some energetic enzymatic inhibitors on myocardial  
activity. Stud. cercet. med. intern. 5 no.2:197-205 '64

GOCIU, Mariana; VELICAN, C.; GROZEA, P:

Histochemistry of the glycoprotein complexes in malignant hemopathies.  
III. Research on intramastocytic acid mucopolysaccharides in acute and  
chronic leukoses. Stud. cercet. med. intern. 4 no.1:93-96 '63.  
    (LEUKEMIA)           (DIAGNOSIS)       (MAST CELLS)  
    (LYMPH NODES)       (MUCOPOLYSACCHARIDES)   (GLYCOPROTEINS)  
                          (HISTOLOGICAL TECHNIQS)

VELICAN, C.

Mechanisms of synthesis and degradation of mucopolysaccharides.

Stud. cercet. med. intern. 4 no.1:15-28 '63.

(MUCOPOLYSACCHARIDES) (METABOLISM)

VELICAN, G.; VELICAN, Doina

Biology of the sclerosis process. XI. Histochemistry of some glucido-protein complexes and scleroproteins of the connective tissue in normal and pathological spleens. Stud. cercet.med. intern. 4 no.2:199-206 '63.

(SPLEEN)	(GLYCOPROTEINS)	(CONNECTIVE TISSUE)	(SCLEROSIS)
(SPLENOMEGALY)	(PAPAIN)	(HYALURONIDASE)	(PEPSIN)
(TRYPSIN)	(PEPTIDE HYDROLASES)		



VELICAN, C.

Some aspects of the current lymphocyte problems. Stud. cercet.  
med. intern. 4 no.4:439-451 '63.

(LYMPHOCYTES) (PHYSIOLOGY) (PATHOLOGY)  
(IMMUNITY) (ANTIBODY FORMATION) (ERYTHROPOIESIS)

VELICAN, C.; RADU, Sorina; GEORGESCU, M.

Biology of the process of sclerosis. XVII. Histochemistry of the acid mucopolysaccharides of the aortic endothelium after thyroidectomy and ovariectomy. Stud. cercet. med. intern. 6 no.1:87-91 '65.

VELICAN, C.; STEINBACH, M.; MOIANU, Rodica

Biology of the sclerosis process. XIII. Comparative observations on some changes in the intima of the subepicardial segment of the right and left coronary arteries. Stud. cercet. med. intern. 4 no.4:529-533 '63.

(CORONARY DISEASE) (ARTERIOSCLEROSIS)  
(PATHOLOGY)

VELICAN, C.; VELICAN, D.

Some observations relative to the reticulo-adenoid tissue of respiratory  
parenchyma. p. 973.

COMUNICARILE. Bucuresti, Rumania. Vol. 8, no. 9, Sept. 1958

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 8, 1959

Uncl.

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59

183. RESEARCH ON THE AETIO-PATHOGENY OF SILICOSIS - Cercetări privind etiopatogenia silicozei - Velican C., Latiş G., Popa M. M. and Popa G. Inst. de Terapeut. al Acad. R.P.R., Spital. Univ. şi Lab. de Ig al Sănătăţii Reg., Baia Mare - PROBL. TER. (Bucureşti) 1957, 7 (113-123) Tables 6

In a mine, the dust of which (1,250-45,000 particles per ml. of air, 80% having a diameter of less than  $3\mu$ ) contained up to 70% silicium dioxide, 22 newly recruited underground workers and 11 control persons were submitted to clinical and laboratory examinations at 3-monthly intervals during 3 yr. No radiographic alterations were detected during this period; neither were changes found in basal metabolism, ECG, SRE, haematocrit, cholesterol level of the blood, blood proteins, and calcium content. The level of potassium and of ascorbic acid in the blood showed a slight tendency to drop during the 3rd year of work, but remained within the normal limits. In the first year there was a slight inclination to polyglobulia, in the 3rd year to anaemia. In comparison with that of the controls the silicium content of the blood of the miners had doubled within the first few months of work underground and risen to 4-fold by the end of the 3rd year. This increase is proportional to the total inhaled quantity of dust in this period. Apparently a silicium-toxaemia precedes the first signs of clinical silicosis by many years.

EXCERPTA MEDICA Sec 15 Vol 12/9 Chest Dise. Sept 59

2268. MORPHOFUNCTIONAL AND HISTOCHEMICAL OBSERVATIONS ON THE 'COLLOID' SUBSTANCES OF THE LUNGS - Observații morfo-funcționale și histochemice asupra corpusculilor 'coloidali' din plămâni - Velican C., Gociu M., Velican D. and Mihai V. - PROBL. TER. (București) 1958, 9/2 (97-104) illus. 6

The formation of 'colloid' bullae in the macrophages is due to an active cellular process of transformation of the lipoprotein substrate derived from erythrocytes and from phagocytized erythrocytic fragments. The 'colloidal' formations contain a large quantity of mucopolysaccharides mainly represented by hyaluronic acid. The experiments, which show an increase in the 'colloidogenic' function after intratracheal instillation of heparin, make it possible to advance the hypothesis that the pulmonary macrophages have the capacity of transforming heparin or related substances into hyaluronic acid, and of fixing and depositing this acid on the lipoprotein stroma of the fragments of phagocytized erythrocytes. The 'colloidogenic' function of the lung is considerably activated during the stages which precede the development of the process of pulmonary sclerosis. This activation is caused by the increase in the quantity of histamin in the lung and disappears after the administration of antihistaminics. (1, 15)

LUPU, N. Gh.; VELICAN, C.; GOCIUM, M.; VELICAN, Doina

Notes on acid mucopolysaccharides of the respiratory parenchyma  
in certain extrapulmonary diseases. Probl. ter., Bucur. 10 no.1:  
11-18 1959.

(MUCOPOLYSACCHARIDES, determination  
acid, in resp. parenchyma in liver cirrhosis, myeloid  
leukemia, abdom. neoplasms & other extrapulm. dis.)  
(LIVER CIRRHOSIS, physiology  
acid mucopolysaccharides in resp. parenchyma)  
(LEUKEMIA, MYELOCYTIC, physiology  
same)  
(ABDOMEN, neoplasms  
same)  
(RESPIRATORY TRACT, physiology  
acid mucopolysaccharides in parenchyma in liver cirrhosis,  
myeloid leukemia, abdom. neoplasms & other extrapulm. dis.)

VELIKAN - .

LUPU, N.G., akademik; VELIKAN, K. [Velican, C.] (Bukharest)

Nonoccupational pneumoconioses. Klin.med. 37 no.12:107-112 D '59.  
(MIRA 13:4)

1. Iz Bukharestskogo instituta terapii Akademii Rumynskoy Narodnoy  
Respubliki (direktor - akademik N.G. Lupu).  
(LUNGS--DUST DISEASES)



VELICAN, C

ROMANIA / Pharmacology, Toxicology. Histamine and V  
Antihistaminics.

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85175.

Author : Lupu, N., Velican, C., Gociu, M., Racovenau, C.  
Inst : Not given.  
Title : Studies of the Process of Pneumosclerosis caused  
by Histamine.

Orig Pub: Morfol. normala si patol., 1958, Vol 3, No 1, 11-  
22.

Abstract: The intrapulmonary injection of 10-gamma doses of  
histamine (H) three times, or the daily inhalation  
of tobacco smoke, causes in guinea pigs (the ex-  
periments were run on 440 animals) an elevation  
in the content of H in the pulmonary parenchyma  
of 3-4 times the normal level, within 3 months from  
the onset of the experiment. The high content of

Card 1/2

41

- 10m

00513R0018593100

LUPU, N. Gh. Academician; VELICAN, C.

On the existence of hyperplastic endarteritis in the lungs of  
subjects of tabagism. Probl. ter., Bucur. 10 no.3:21-24 '59.

(SMOKING, effects injurious)

(LUNGS, pathology)

(ENDARTERITIS, etiology)

VELIKAN, K. [Velican, C.]; VELIKAN, Doyna [Velican, D.] (Bukharest)

Histochemistry of the intima of the human aorta and problems of arteriosclerosis. Arkh. Pat. 25 no.6:16-26 '63.

(MIRA 17:1)

1. Iz laboratorii gistokhimii Instituta vnutrennikh bolezney (dir. - akademik N.G. Lupu) AN i Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Rumynskoy Narodnoy Respubliki.

VELICAN, Doina; VELICAN, C.

Biology of the process of sclerosis. XII. Changes of the  
pulmonary interstitial space after intratracheal instillation  
of hyaluronic acid. Stud cercet med intern 4 no.3:397-402  
(LUNG DISEASES) (HYALURONIC ACID) (SCLEROSIS)

VELICAN, C.

Biology of the sclerosis process. XV. Histogenesis of the  
neutral mucopolysaccharides. Stud. cercet. med. intern. 5  
no.2:173-178 '64

VELICAN, C.

Biology of the process of sclerosis. XVIII. Observations on accumulations of acid mucopolysaccharides in the intima of the human aorta and coronary arteries. Stud. cercet. med. intern. 6 no.1:59-62 '65.

~~VELICAN, Gr.~~ LATIS, Gh.; POPA, M.M.; POPA, Gr.

Studies of the etiopathogenesis of silicosis. Probl. ter., Bucur.  
no.7:113-123 1957.

(SILICOSIS, etiol. & pathogen.  
in miners)

VELICAN, C. CONSTANTINESCU, Doina

Anatomical and clinical importance of lung segmentation. Med. int.,  
Bucur. 9 no.12:1765-1780 Dec 57.

(LUNGS, anat. & histol.

segmentation, pathol. & physiol. importance)



*Gen. C. F. C.*  
LUPU, N.G.; VELICAN, C.

~~FOR RELEASE~~  
Clinico-statistical and radiological studies of the incidence of respiratory tract diseases in children living in cities with air pollution by industries. Probl. ter., Bucur. 4:7-46 1956.

1. Institutul de terapeutica al Academiei R.P.R.  
(RESPIRATORY TRACT, diseases  
in child. living in cities with air pollution by indust.)  
(AIR POLLUTION  
causing resp. dis. in child. in urban indust. areas)

LUPU, Gh.N., academician.; VELICAN, C.; HAGI-PARASCHIV, I.

Experimental study of the effect of acetylcholine and adrenalin on the colloidopexic capacity of the alveolar cells. Bul. stiint., sect. med. 7 no.3:643-661 July-Sept 55

(LUNGS, physiol.

colloidopexic capacity of alveolar cells, eff. of acetylcholine & epinephrine, in guinea pigs)

(ACETYLCHOLINE, eff.

on colloidopexic capacity of alveolar cells, in guinea pigs)

(EPINEPHRINE, eff.

same)

(COLLOIDS

colloidopexic capacity of alveolar cells, eff. of acetylcholine & epinephrine, in guinea pigs)

LUPU, N. GH., Academician; VELICAN, C.; STOICA, GJ.; GOCIU, M.

Experimental study of the role of the nervous system in  
production of histaminic pulmonary sclerosis, Bul. stiint.  
sect. med. 8 no.1:37-47 Jan-Mar 56.

(LUNGS, diseases

exper. histamine-induced sclerosis, role of nerv.  
system in prod.)

(SCLEROSIS, exper.

lungs, histamine-induced, role of nerv. system in  
prod.)

(NERVOUS SYSTEM, physiology

role in prod. of histamine-induced pulm. sclerosis)

(HISTAMINE, effects

exper. pulm. sclerosis, role of nerv. system in prod)

LUPU, N.Gh, academician; VNLICAN, C.

Experimental study of the pathogenesis of tabagic pulmonary sclerosis. Bul.stiint., sect. med. 6 no.4:813-828 Oct-Dec. '54.

(LUNGS, diseases

exper.sclerosis caused by inhalation of tobacco smoke

(TOBACCO, injurious effects

exper. pulm. sclerosis caused by inhalation of tobacco smoke)

(SCLEROSIS, experimental

pulm. sclerosis caused by inhalation of tobacco smoke)

VELICAN, C.

LUPU, N.Gh., academician; VELICAN, O.

Pathogenetic, prophylactic and therapeutic study of pneumoconioses.  
Rev. st. med., med. int., Bucur. 6 no.1:22-30 Jan-Mar 54.

1. Clinica II-a Medicală, Inst. Medico-farmaceutic București.  
(PNEUMOCONIOSES  
pathogen., prev. & ther.)

VELICAN, C.; GEORGESCU, M.; CARP, N.

Biology of the process of sclerosis. II. Investigations in  
uterine myofibromatosis. Stud. cercet. med. intern. 2 no.1:  
77-83 '61.

(LEIOMYOMA chemistry) (SCLEROSIS chemistry)  
(UTERUS NEOPLASMS chemistry)

MICU, D.; VELICAN, C.; GROZEA, P.; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia;  
MATEESCU, Despina

Contribution to the cytological and enzymocytochemical study of normal and pathological lymph nodes. IV. Lymph nodes in reticulosarcomas and lymphosarcomas. Stud. cercet. med. intern. 2 no.5:681-692 '61.

(SARCOMA, RETICULUM CELL chemistry)  
(LYMPHOSARCOMA chemistry)  
(LYMPH NODES chemistry)

VELICAN, C.

Importance of the study of mucopolysaccharides in oncology.

Stud. cercet. med. intern. 2 no.3:317-324 '61.

(MUCOPOLYSACCHARIDES chemistry) (NEOPLASMS chemistry)



CIOBANU, V., dr.; VELICAN, C.dr.; STROESCU, O, dr.; SUTEANU, St., dr.;

Anatomoclinical study of lymphadenopathies in chronic evolutive polyarthrititis. Med. intern. (Bucur.) 16 no.7:793-802 J1'64

1. Lucrare efectuata in Institutul de medicina interna al Academiei R.P.R. si M.S.P.S. (director: acad. N.Gh.Iupu).

VELICAN, C.

The problem of the morpho-functional organization of the liver.  
Stud. cercet. med. intern. 5 no.4:349-358 '64.

VELICAN, Doina; VELICAN, C.

Interdependent relationships between the intralobar reticular fibers,  
liver parenchyma and morphogenesis of cirrhosis. Rev. sci. med. 7 no.3/4:  
219-222 '62.

(LIVER CIRRHOSIS) (CONNECTIVE TISSUE)  
(HISTOLOGICAL TECHNIQS)

MICU, D.; VELICAN, C.; GROZEA, P.; MIHAILESCU, Eugenia; MAXIMILLIAN, Stefania;  
MATEESCU, Despina

Contributions to the cytological and enzymocytochemical study of  
normal and pathological lymph nodes. VI. Lymph nodes in leucosis.  
Stud. cercet. med. intern. 3 no.3:357-366 '62.  
(LYMPH NODES chemistry) (LEUKEMIA chemistry)  
(CYTODIAGNOSIS)

LUPU, N.Gh., academician; VELICAN, C.

Biology of the process of sclerosis. III. Experimental studies of the role of chronic tabagism. Stud. cercet. mod. intern. 2 no.2: 237-250 '61.

(CONNECTIVE TISSUE diseases) (CARDIOVASCULAR DISEASES experimental

(PULMONARY FIBROSIS experimental

(SCLEROSIS experimental) (TOBACCO toxicology)

VELICAN, C.; CIOBANU, V.; MIKHAILISCU, Eugenia; SUTIANU, St.

Research on the cyto- and histochemistry of lymphadenopathy of chronic  
evolutive polyarthrititis. Stud. cercet. med. intern. 3 no.1:69-76  
'62.

(ARTHRITIS, RHEUMATOID chemistry)  
(LYMPH NODES chemistry) (MUCOPOLYSACCHARIDES chemistry)  
(RIBONUCLEIC ACID chemistry) (LIPOPROTEINS chemistry)

VELICAN, C., dr.

Ground substance and problem of tissue permeability. Med.intern.  
13 no.12:1601-1608 D '61.

1. Institutul de medicina interna al Academiei R.P.R. si Ministerul  
Sanatatii si Prevederilor Sociale, director: acad. N.Ch. Lupu.  
(CONNECTIVE TISSUE chemistry) (PROTOPLASM)  
(PERMEABILITY)

LUPU, N. Gh., academician; VELICAN, C.; GOCIU, M.; VELICAN, Doina

Observations on the acid mucopolysaccharides of the respiratory  
parenchyma in certain diseases with extrapulmonary localization.  
Probl. ter. 10 no.1:11-18 '59.

(MUCOPOLYSACCHARIDES chemistry)  
(LUNG chemistry)  
(LIVER CIRRHOSIS pathology)  
(LEUKEMIA, MYELOCYTIC pathology)  
(NEOPLASMS pathology)



VELICAN, Doina; VELICAN, C.

Biology of the process of sclerosis. VI. Heparin action on pulmonary connective interstitial tissue. Stud. cercet. med. intern. 2 no.5: 715-721 '61.

(LUNG pharmacology)  
(CONNECTIVE TISSUE pharmacology)  
(HEPARIN pharmacology)

VELICAN, Doina; VELICAN, C.

Biology of the process of sclerosis. IX. Observations on intralobar  
reticulin changes in the pre-cirrhotic liver. Stud. cercet. med.  
intern. 3 no.3:79-85 '62.

(LIVER CIRRHOSIS pathology) (RETICULIN)  
(SCLEROSIS pathology)

VELICAN, C.

Biology of the sclerosis process. VII. Method for the comparative study of the fibrillar fuchsinophil, argentophil, PAS-positive components and fundamental substance. Stud. cercet. med. intern. 3 no.2:275-278 '62.

(SCLEROSIS) (CONNECTIVE TISSUE chemistry)  
(ROSANILINE DYES) (PERIODIC ACIDS) (STAINS AND STAINING)  
(MUCOPOLYSACCHARIDES chemistry) (GLYCOLIPIDS chemistry)

MICU, D.; ~~VELICAN, C.~~; GROZEA, P.; MIHAILESCU, Eugenia; MAXIMILLIAN, Stefania;  
MATEESCU, Despina

Contribution to the cytological and enzyme-cytochemical study of  
normal and pathological lymph nodes. V. Lymph nodes in malignant  
lymphogranuloma. Stud. cercet. med. intern. 2 no.6:n.p. '61.  
(HODGKIN'S DISEASE pathology) (LYMPH NODES chemistry)  
(ENZYMES chemistry) (CYTOLOGY)

VELICAN, C.; MICU, D.; GROZEA, P.; GOCIU, Mariana

Histochemistry of the glucido-protein complexes in malignant blood diseases. II. Research on reticulosis, reticulosarcoma and lymphosarcoma. Stud. cercet. med. intern. 2 no.4:519-525 '61.  
(LYMPHOMA chemistry) (SARCOMA, RETICULUM CELL chemistry)  
(LYMPHOSARCOMA chemistry) (MUCOPOLYSACCHARIDES chemistry)  
(MAST CELLS chemistry) (LYMPH NODES chemistry)  
(GLYCOPROTEINS chemistry)

VELICAN, C.

The morpho-functional structure of the vascular wall and the problem  
of arteriosclerosis. Stud. cercet. med. intern. 3 no.3:317-334 '62.  
(ARTERIOSCLEROSIS etiology) (BLOOD VESSELS physiology)  
(LIPIDS metabolism) (MUCOPOLYSACCHARIDES metabolism)  
(PERMEABILITY) (CHOLESTEROL metabolism)

VELICAN, C.; KALOV-AN, Carmen; GEMBOLOU, A.; CIOU, F.

biology of the sclerosis process. VII. Cytochemistry of the mucopolysaccharides of pulmonary macrophages after thyroidectomy and ovariectomy. Experimental research. Stud. cercet. med. intern. 5 no.3:311-317 '64.

LUPU, N. Gh.; VELICAN, C.; GOCIU, M.; RACOVEANU, C.

Histaminic pulmonary sclerosis. I. Microscopic aspects of the immediate changes in the respiratory parenchyma after administration of his tamine. Probl. ter., Bucur. 8:129-138 1957.

(PULMONARY FIBROSIS, experimental

histamine-induced, in guinea pigs, histopathol. & evolution)

(HISTAMINE, effects

exper. pulm. fibrosis, in guinea pigs, histopathol. & evolution)



VELICAN, C.; CONSTANTINESCU, Doina

Pulmonary capillaries. Med. int., Bucur. 9 no.9:1288-1301 Sept 57.

1. Institutul de terapeutica al Academiei R.P.R. - director: acad.  
N. Gh. Lupu)  
(LUNGS, blood supply  
capillaries, morphol., hemodynamics & pathol.)

LUPU, N.G., akademik; VELIKAN, K. [Velican, K.]; VELIKAN, Doyan [Velican, D.]  
(Bukharest)

Intrapulmonary accumulations of acid mucopolysaccharides. Arkh.pat.  
21 no.6:51-59 '59. (MIRA 12:12)

1. Iz Instituta terapii (dir. - akad. N.G. Lupu) Akademii Rumynskoy  
Narodnoy Respubliki.

(MUCOPOLYSACCHARIDES, metab.

acid mucopolysaccharides, accumulations in interstitial  
tissue of lungs (Rus))

(LUNGS, metab.

acid mucopolysaccharide accumulations in interstitial  
tissue (Rus))

EXCERPTA MEDICA Sec 15 Vol 12/9 Chest Dise. Sept 59

2272. OBSERVATIONS ON THE MORPHOLOGICAL ALTERATIONS IN MACROPHAGES AFTER INTRATRACHEAL INSTILLATION OF HEPARIN

Observații asupra modificărilor morfologice ale macrofagelor pulmonare după instilație intratraheală cu heparină - Velican C. and Velican D. PROBL. TER. (București) 1958, 9/2 (89-95) Graphs 1 Tables 1 Illus. 5

Intratracheal instillation of 1,000 to 2,500 U. of heparin in guinea-pigs makes it possible to observe in apposition, preparations, smears and sections, intermediate stages of intracellular covering and fragmentation of the heparin granules in the pulmonary macrophages, up to the appearance of cells having the appearance of mastocytes. The proportion of the latter is 10 times as large as normal. Some of these cells having a mastocytic appearance seem to preserve these characteristics for a longer period, in others, the heparin of the basophilic granulations spreads in the protoplasm, which becomes metachromatic, and, finally, there are macrophages in which the granules are eliminated in the extracellular spaces, which toluidine blue and Giemsa stain red-violet, whereas the cell assumes a vacuolar appearance. In the light of these findings, the mastocytes might be considered as macrophages which, in a certain metabolic stage, temporarily load with heparin,

or with precursors of this substance, which they subsequently dispose of, depending on the local or general requirements of the organism. (I, 15)

VELIKAN, K. [Velican, C.]; VELIKAN, Doyna [Velican, D.] (Bukharest)

Histochemistry of the intima of the human aorta and problems of arteriosclerosis. Arkh. Pat. 25 no.6:16-26 '63.

(MIRA 17:1)

1. Iz laboratorii gistokhimii Instituta vnutrennikh bolezney (dir. - akademik N.G. Lupu) AN i Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Rumynskoy Narodnoy Respubliki.